

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	145	plastic near (part or material or substrate) and ((change or alter or improve or increase or decrease) near (physical strength or elongation or modulus or resistance or temperature near range or capacity of flammability or conductance or emittance)) same ("electron beam" or ultraviolet or radioactive)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 08:16
S11	138	plastic and 428/361.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 08:21
S14	156	(plastic near (material or substrate or part)) and ("laser sintering" or "fused deposition")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 08:35
S18	878	(improve or alter or change) near plastic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 08:38
S20	33	((improve or alter or change) near3 plastic) near5 ("electron beam" or ultraviolet or radioactive or irradiation or radiation or electromagnetic)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 09:52
S22	27	("4963419").URPN.	USPAT	OR	OFF	2005/10/13 08:48
S24	9	S22 and plastic and (improve or change or modify or alter) and (irradiation or "electron beam" or electromagnetic or ultraviolet)	USPAT	OR	OFF	2005/10/13 08:51
S26	1	"4597920".pn.	USPAT	OR	OFF	2005/10/13 08:52
S27	57	("4597920").URPN.	USPAT	OR	OFF	2005/10/13 08:57
S29	428	427/558.ccls.	USPAT	OR	OFF	2005/10/13 08:58
S30	146	plastic and 427/558.ccls.	USPAT	OR	OFF	2005/10/13 08:58
S32	879	("electron beam" or ultraviolet or radioactive or radiation) near2 ((improve or change or alter or modify) near3 (strength or elongation or modulus or resistance or temperature or capacity or flammability or conductance or emittance))	USPAT	OR	ON	2005/10/13 09:01

S33	548	("electron beam" or ultraviolet or radioactive or radiation) near2 ((improve or change or alter or modify) near3 (strength or elongation or modulus or resistance or temperature or capacity or flammability or conductance or emittance))	USPAT	OR	OFF	2005/10/13 09:01
S34	233	("electron beam" or ultraviolet or radioactive or radiation) near2 ((improve or change or alter or modify) near (strength or elongation or modulus or resistance or temperature or capacity or flammability or conductance or emittance))	USPAT	OR	OFF	2005/10/13 09:05
S36	3	("3911170" "5470609" "5525370").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 09:34
S37	16	("2770556" "3814645" "4239808" "4260439" "4409270" "4510001" "4659589" "5021297" "5194293").PN. OR ("5470609").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 09:35
S38	5	("3911170" "4980235" "5470609" "5525370" "5937754").PN. OR ("6800324").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 09:48
S39	14	((improve or alter or change) near3 plastic) near5 ("electron beam" or ultraviolet or radioactive or irradiation or radiation or electromagnetic)	EPO; JPO; DERWENT	OR	OFF	2005/10/13 10:01
S41	1	"5496863".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 10:01
S42	31	("2914450" "3013957" "3247012" "3293108" "3455337" "3563871" "3580829" "3717559" "3992241" "4032606" "4038350" "4062998" "4178220" "4221253" "4367185" "4434251" "4447488" "4483808" "4491616" "4510031" "4510303" "4525297").PN. OR ("5496863").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 10:02
S43	199	(layer near formed) near (plastic near (material or part of substrate))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 10:33
S44	151	plastic same ("laser sintering" or "fused deposition")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 10:37

S48	99	(changing or altering or modifying) near2 property near4 plastic	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/13 10:59
S54	53	plastic same ("laser sintering" or "fused deposition" or "SLS" or "FDM") and (ultraviolet or (electron near beam) or (radioactive near material) or (gamma near rays)) same (change or modify or alter or increase or decrease or better or improve or adjust or alter)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 09:48
S57	248	plastic near10 ((ultraviolet or (electron near beam) or (radioactive near material) or (gamma near rays)) same (change or modify or alter or increase or decrease or better or improve or adjust or alter))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 09:07
S58	23	("4575330" "5058988" "5174931" "5182056" "5198159" "5236812" "5238639" "5263130" "5386500" "5474719" "5536467" "5597520" "5626919" "5897825" "5922364" "5985204" "6100007" "6136497" "6391251" "6406658").PN. OR ("6574523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 08:39
S59	339	plastic and ((ultraviolet or (electron near beam) or (radioactive near material) or (gamma near rays)) same (change or modify or alter or increase or decrease or better or improve or adjust or alter))	EPO; JPO; DERWENT	OR	OFF	2005/10/14 09:08
S67	412	("laser sintering" or "fused deposition" or stereolithography) same plastic and (ultraviolet or "electron beam" or radioactive or "gamma rays" or "Co-60" or cobalt)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 09:46
S68	103	("laser sintering" or "fused deposition" or stereolithography) same plastic and (plastic same (ultraviolet or "electron beam" or radioactive or "gamma rays" or "Co-60" or cobalt))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 09:46
S69	426	("laser sintering" or "fused deposition" or "SLS" or "FDM") and (ultraviolet or (electron near beam) or (radioactive near material) or (gamma near rays)) same (change or modify or alter or increase or decrease or better or improve or adjust or alter)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 09:56

S71	1	"3992241".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:20
S72	8	("2805072").PN. OR ("3992241"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:21
S77	336	(plastic near layer) same radiation and (change or alter or improve or modify)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:41
S80	222	(plastic near layer) same (chang\$3 or improv\$3 or modif\$4 or alter\$3) and electromagnetic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:45
S81	414	(plastic near layer) and (chang\$3 or improv\$3 or modif\$4 or alter\$3) same electromagnetic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:46
S82	166	521/50.5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:46
S83	221	521/50.5.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:46
S84	82	plastic and 521/50.5.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:47
S85	2	(plastic near layer) and 521/50.5. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:48
S86	4	(plastic near layer) and 250/492.3. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:48
S87	117	plastic and 250/492.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:55
S88	265	plastic and 264/532.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:55
S89	6	plastic and irradiat\$3 and 264/532. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 07:56
S90	150	plastic and irradiat\$3 and 264/401. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:08
S91	93	plastic and irradiat\$3 and 427/496. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:11
S92	197	plastic and irradiat\$3 and 427/508. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:15

S93	73	plastic and irradiat\$3 and 427/551. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:20
S94	11	plastic and irradiat\$3 and 427/457. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:38
S95	11	plastic and irradiat\$3 and 427/566. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:42
S96	102	plastic and irradiat\$3 and 264/230. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:46
S10 2	860	plastic and (expose same radiation) and ((properties or property) same (change or alter or modify or improve or decrease or increase))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:48
S10 3	67	plastic and (expose near radiation) and ((properties or property) same (change or alter or modify or improve or decrease or increase))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:49
S11 2	167	(plasma or "electron beam" or ultraviolet) same property near (change or alter or modify or improve or decrease or increase)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 08:52
S11 4	1	"6270857".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:15
S11 5	10	("2465713" "3645786" "3647520" "3697305" "3865597" "4605612" "4639301" "4764394").PN. OR ("6270857"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:16
S11 6	116	(plastic near layer) and (radiation same modify\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:18
S11 8	313	(plastic near object) and radiation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:20
S12 3	555	(forming or formation) near3 (plastic near layer)	EPO; JPO; DERWENT	OR	OFF	2005/10/17 09:30
S12 5	118	(forming or formation) near3 (plastic near layer) and radiation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:31
S13 1	111	"plastic manufacturing" and improve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 09:41
S13 9	664	stereolithography and plastic and radiation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 10:13

S14 0	391	stereolithography same plastic and radiation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 10:13
S14 5	74	plastic and 700/120.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 11:00
S14 6	19	("2621808" "2682887" "3597080" "3782327" "3957015" "4179071" "4247508" "4320394" "4354180" "4508970" "4575330" "4658149" "4755127" "4942060" "4942066").PN. OR ("5891382").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 10:52
S14 7	4	("5785918").URPN.	USPAT	OR	OFF	2005/10/17 10:58
S15 1	1	"4996010".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 11:21
S15 2	15	("3723120" "4575330").PN. OR ("4996010").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 11:45
S15 4	457	plastic and (post near (curing or treatment or processing)) same radiation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 11:45
S15 5	376	plastic and (post near (curing or treatment or processing)) same radiation and (stereolithography or electron beam or ultraviolet)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 11:46
S16 3	48	"electromagnetic radiation" near4 (expose or exposure) same plastic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 14:07
S16 6	3	("6574523").URPN.	USPAT	OR	OFF	2005/10/17 14:14
S16 8	241	(plastic near layer) and radiation	EPO; JPO; DERWENT	OR	OFF	2005/10/17 14:14
S16 9	13	plastic and irradiat\$4 and property	USPAT	OR	OFF	2005/10/17 14:15
S17 1	50	(plastic near (part or object)) same layer same (radiation or expose or irradiat\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:05
S17 2	13	(plastic near (part or object)) same layer same cross near link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:06
S17 3	171	(plastic near layer) same (cross near link\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:09
S17 4	687	cross near2 link same plastic and (change or increase or decrease or modify or improve or alter)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:15

S17 7	518	irradiat\$4 same plastic near (layer or part or object or surface)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:18
S17 8	74	irradiat\$4 near3 plastic near (layer or part or object or surface)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:24
S17 9	88	radiation near3 plastic near (layer or part or object or surface)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:28
S18 2	937	(change or modify of decrease or increase or alter) near (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) near10 plastic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:30
S18 3	85	(change or modify of decrease or increase or alter) near2 (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) near10 plastic same (irradiation or electron beam or plasma or ultraviolet or radiation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:38
S18 4	13	("3861972" "4385635" "4764324" "4904431" "5059375" "5074845" "5085649" "5180372" "5348536" "5458572" "5549109" "5562127").PN. OR ("5736094").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:33
S18 5	398	(change or modify of decrease or increase or alter) near (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) same plastic same (irradiation or electron beam or plasma or ultraviolet or radiation)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/18 14:40
S18 6	178	(change or modify of decrease or increase or alter) near (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) same (irradiation or electron beam or plasma or ultraviolet or radiation) and (cross near link)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/24 11:45
S19 1	966	(change or modify of decrease or increase or alter) near (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) and plastic	EPO; JPO; DERWENT	OR	OFF	2005/10/18 14:49

S19 2	538	(change or modify of decrease or increase or alter) near (strength or elongation or modulus or resistance or capacity or flammability or conductivity or emittance) same plastic	EPO; JPO; DERWENT	OR	OFF	2005/10/18 14:59
S19 4	132	plastic near (object or part or product or piece) and radiation	EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:03
S19 8	14	("4996010").URPN.	USPAT	OR	OFF	2005/10/18 15:13
S20 1	2	(post near treatment) same radiation same plastic	USPAT	OR	OFF	2005/10/18 15:15
S20 2	428	427/558.ccls.	USPAT	OR	OFF	2005/10/18 15:15
S20 3	146	plastic and 427/558.ccls.	USPAT	OR	OFF	2005/10/18 15:19
S20 4	267	427/551.ccls.	USPAT	OR	OFF	2005/10/18 15:20
S20 5	69	plastic and 427/551.ccls.	USPAT	OR	OFF	2005/10/18 15:20
S20 6	70	("4929402").URPN.	USPAT	OR	OFF	2005/10/18 15:31
S20 7	249	264/494.ccls.	USPAT	OR	OFF	2005/10/18 15:36
S20 8	390	264/401.ccls.	USPAT	OR	OFF	2005/10/18 15:36
S22 5	648	((part or object or surface or layer)) near10 (change or alter or improve) adj (property or characteristic)	EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:08
S22 6	208	((part or object or layer)) near10 (change or alter or improve) adj (property or characteristic)	EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:09
S22 8	383	((cross near link) or (chain near scission)) and plastic	EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:10
S22 9	40	((cross near link) or (chain near scission)) and plastic and radiation	EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:10